GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:1670
ANSWERED ON:28.11.2002
VILLAGES ELECTRIFIED BY RENEWABLE ENERGY SOURCES
CHANDRAKANT BHAURAO KHAIRE

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the number of villages electrified with the renewable energy sources and the details thereof State-wise;

(b) the names of the schemes being implemented by the Government to promote the extensive use of solar energy; and

(c) the details and the number of Energy Parks established/proposed to be established in Maharashtra, till date?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): Renewable energy systems like solar photovoltaic systems and power plants, small hydro power plants and biomass gasifiers have been installed in a number of villages and hamlets to provide lighting and other electricity based services. The State-wise number of villages and hamlets electrified in this manner through renewable energy systems and power plants is given in Annexure-I.

(b): The Ministry of Non-Conventional energy sources is implementing various programmes for promoting the use of different types of solar energy systems and devices through State renewable energy development agencies, eligible manufacturers, some non-governmental organizations, banks and the Indian Renewable Energy Development Agency Limited (IREDA). The names of these programmes are given in Annexure-II.

(c): The Ministry has so far sanctioned 18 district level Energy Park projects for setting up in the State of Maharashtra. The location - wise details and status of these Energy Park projects are given in Annexure-III.In addition, a proposal has been received from the Maharashtra Energy Development Agency (MEDA), Pune for setting up of a state level Renewable Energy Park at Peshwe Park, Pune.

ANNEXURE-I REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.1670 FOR 28.11.2002.

STATE - WISE DETAILS OF VILLAGES / HAMLETS ELECTRIFIED THROUGH RENEWABLE ENERGY SOURCES (AS ON 31/10/ 2002)

A - Through SPV Systems & Power Plants

S. No.	State / UT	Nos. of Villages / hamlets
1	Andhra Pradesh	2
2	Arunachal Pradesh	50
3	Assam	76
4	Chattisgarh	90
5	Gujarat	14
6	Haryana	6
7	Himachal Pradesh	3
8	Jammu & Kashmir	102
9	Karnataka	2
10	Kerala	134
11	Madhya Pradesh	3
12	Manipur	8
13	Meghalaya	25
14	Mizoram	33
15	Rajasthan	1,656
16	Sikkim	4
17	Tripura	30
18	Uttar Pradesh, including Uttaranchal	497
19	West Bengal	856

20 A & N Islands 21

TOTAL 3,612

The above villages / hamlets, have been electrified through installation of solar home systems in at least 50 % households or through centralized power plants. However, in case of Rajasthan in 1,188 villages / hamlets, solar home systems have been installed in about 10 households in each village / hamlet.

B - Through Other Renewable Energy Systems

6 villages in Arunachal Pradesh and 5 in West Bengal have been electrified through small hydro plants. In addition, in West Bengal 8 villages have been electrified through Biomass gasifiers.

ANNEXURE - II

ANNEXURE-II REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.1670 FOR 28.11.2002.

PROGRAMMES FOR PROMOTION OF SOLAR ENERGY UTILIZATION

1. Solar Photovoltaic Demonstration and Utilization Programme

2. Solar Photovoltaic Water Pumping Programme for Agriculture & Related Uses

3. Solar Thermal Extension Programme

4. Solar Cooker Programme

5. Soft loan schemes for Solar Photovoltaic & Thermal Systems through IREDA and Banks
6. Grid - Connected Solar Photovoltaic Power Programme

7 `Aditya` Solar Shops

ANNEXURE-III

ANNEXURE-III REFERRED TO IN REPLY TO LOK SABHA UNSTARRED QUESTION NO.1670 FOR 28.11.2002.

DETAILS AND STATUS OF THE DISTRICT LEVEL ENERGY PARK PROJECTS IN MAHARASHTRA (AS ON 31/10/2002)

S. No. Institutions/locations

Completed Projects

1. Visvesvaraya Regional College of Engineering, Nagpur, District Nagpur

2. Jnana Prabodhini Medical Trust,Sanjeevan Hospital,Off Karve Road,Pune,District Pune

3. University of Pune, School of Energy Studies, Ganeshkhind, Pune, District Pune

4. Gandhi National Memorial Society, Agakhan Palace, Pune Nagar Road, District Pune

5. Janana Prabodhini Shiv Pradesh, Pune, District Pune
6. Maharashtra Institute of Technology, Pune, District Pune

7 Dr. Panjabrao Deshmukh Krishi Vidyapith, Akola, District Akola

8. College of Engineering, Ambajogai, District Beed

9. North Maharashtra University, Jalgaon, District Jalgaon
10. Jawahar NavodayaVidyalaya, Sangeli, P.O.Kalambist, District Sindhu Durg
11. Amravati University, Amravati, District Amravati
12. Chalkewadi Wind Farm, District Satara

Projects under Implementation

13. KIT`s College of Engineering, District Kolhapur
14. Shri Sant Gajanan Maharaj College of Engineering Shegaon, District Buldhana
15. Manav Sadhan Vikas Sanstha, Anav, Tauqa Kundal, District Sindhudurg
16. Swami Ramanand Teerth Marathawada Vidyapeeth, Nanded, District Nanded
17. Raigad Military School & Jr. College Achaloli. Taluqa Mahad, District Raigad
18. Walchand Institute of Technology, District Solapur